

What is claimed is:

1. A method for detecting an object in a door opening of a vehicle, where a vehicle reaction is triggered when  
5 a received signal deviates from a setpoint value in a sensor system, and, when the door is closed, an updated setpoint value is determined after the vehicle drives off.
- 10 2. The method as claimed in claim 1, wherein the vehicle reaction is triggered in a time period between closing of the door and an end of a time period which is selected in a customer-specific fashion and which starts when the vehicle drives off after the door closes.
- 15 3. The method as claimed in claim 1, in which, when a sensor system is configured for learning, the power of a transmitter of the sensor system is continuously changed by an evaluation unit in a standardization process until  
20 the received signal has a desired quality, the received signal serving as a setpoint value, wherein after the door has been closed during a hold time, the sensor system is deactivated by an evaluation unit for at least a customer-specifically selected time period after the  
25 vehicle drives off following the hold time, and re-activated again after a short time to trigger a determination of an updated setpoint value in a new standardization process.
- 30 4. The method as claimed in claim 1, wherein the signal is a wave which propagates in a cavity, and the cavity is located in an elastic section which bounds a closing surface of the door opening.